

Title (en)

Signalling for allocation of a communication link in a MIMO system

Title (de)

Signalisierung zur Kommunikationsverbindungszuweisung in einem MIMO-System

Title (fr)

Signalisation pour l'allocation d'une liaison de communication dans un système MIMO

Publication

EP 1737176 A1 20061227 (EN)

Application

EP 05013276 A 20050620

Priority

EP 05013276 A 20050620

Abstract (en)

An apparatus for signaling an allocation of a communication link between a transmitter (100) and a first receiver (102) to a first subchannel (H 1) of a communication channel and for signaling an allocation of a second communication link between the transmitter (100) and a second receiver (104) to a second subchannel (H 2) of the communication channel, the first and second subchannels (H 1 , H 2) being different from each other, comprises a subchannel allocation signaler (106) being configured to transmit a first user identifier (ui1) over the first subchannel (H 1) and to transmit a second user identifier (ui2) over the second subchannel (H 2), wherein the first and second user identifiers (ui1, ui2) are different from each other and wherein the first user identifier (ui1) is assigned to the first receiver (102) and the second user identifier (ui2) is assigned to the second receiver (104).

IPC 8 full level

H04L 27/26 (2006.01); **H04J 99/00** (2009.01)

CPC (source: EP US)

H04B 7/0452 (2013.01 - EP US); **H04L 27/2602** (2013.01 - EP US); **H04L 5/0044** (2013.01 - EP US); **H04L 27/26035** (2021.01 - EP US)

Citation (search report)

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- [X] WO 02087139 A1 20021031 - MAGNOLIA BROADBAND INC [US]
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Designated contracting state (EPC)

DE GB

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1737176 A1 20061227; JP 2007020160 A 20070125; JP 2010093825 A 20100422; JP 5113137 B2 20130109

DOCDB simple family (application)

EP 05013276 A 20050620; JP 2006160879 A 20060609; JP 2009253007 A 20091104